

| Pub # | Author                  | PublicationTitle  | Journal/ Presentation   | DTIC      | J/Po/Pr/A/O  | GME Student | Funding Source?   |
|-------|-------------------------|---|---|-----------|--------------|-------------|-------------------|
| 21001 | Caballero, Manuel Y.    | Development of Highly Sensitive Goggle for Fluorescence-based Detection of Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and Other Pathogens  | DTIC  | AD1116293 | Other-DTIC   | N           | AFMSA             |
| 21002 | Wolf, George E          | HOT Potpourri   | American College of Hyperbaric Medicine, Annual Wound care and Hyperbaric Conference (Zoom meeting format) 25 Oct 20. The presentation is 10 min long; info from clinicaltrials.gov and our clinic response to COVID-19 | AD1116297 | presentation | N           | N                 |
| 21003 | Col Shinn, Antoinette   | Gender and Marital Status: Associations with Psychiatric Aeromedical Evacuations from Combat Zones among Post-9/11 Service Members  | Journal of Family Psychology  | AD1116302 | Journal      | N           | N                 |
| 21004 | Nazzario-Toole, Ashley  | Whole-genome Sequencing of SARS-CoV-2: Using Phylogeny & Structural Modeling to Contextualize Local Viral Evolution   | Military Medicine   | AD1116308 | Journal      | N           | 59 MDW/STC        |
| 21005 | Maj Ng, Patrick         | CCATT Population Trends From 2010-2019: Implications for CCATT Training   | COMBAT Research Symposium, University of Colorado-Denver, Denver CO 28-29 Oct 2020  | AD1116311 | presentation | N           | N                 |
| 21006 | Lt Col Maddry, Joseph K | Patients with Traumatic Brain Injury Transported by Critical Care Air Transport Teams (CCATT): The Influence of Altitude and Oxygenation during transport   | COMBAT Research Symposium, UC Denver, Denver, CO 28-29 Oct 2020   | N         | presentation | N           | AFMS              |
| 21007 | Hryshko-Mullen, Ann S   | Professional Psychology: Research and Practice  | Air Force Medical Operations Agency   | AD1116317 | Journal      | N           | AFMOA             |
| 21008 | Capt Weiss, Aeja        | SKINTED or Aspergillus?   | American Academy of Dermatology, Annual Meeting 2021, San Francisco, CA, March 19-23, 2021  | N         | Abstract     | Y           | N                 |
| 21009 | Gerwell, Kelsi          | The Role of Reproductive Health in Nightmares and PTSD in Active Duty Military Personnel  | an Antonio Combat PTSD Conference: virtual: October 22-23, 2020   | AD1116319 | poster       | N           | DHA-17-CRIL-MWHRA |
| 21010 | Hrncir David E          | Influenza-like Illness (ILI) Experience Among Healthcare Workers in Military Treatment Facilities: An Offshoot of the Pragmatic Assessment of Influenza Vaccine Effectiveness in the DoD (PAIVED) Study | Infectious Disease Week 2020 (ID Week)  | N         | poster       | N           | NIAID, DHP        |
| 21011 | Hrncir David E          | Pragmatic Assessment of Influenza Vaccine Effectiveness in the DoD (PAIVED): Updates from Year 2 of multi-site trial  | Infectious Disease Week 2020 (ID Week)  | AD1116320 | poster       | N           | NIAID, DHP        |
| 21012 | Lt Col Maddry, Joseph K | Hydroxocobalamin for Neuroprotection in a Hemorrhagic Swine Model of Global and Traumatic Brain Ischemia  | DTIC Final Report   |           | other-DTIC   | N           | J9                |
| 21013 | Maj Lee, Michelle       | A Grave Turn on Hashimoto's Thyroiditis - A Case Series on Four Patients with Autoimmune Hypothyroidism that Converted to Grave's Disease   | Journal of Endocrine Society (if accepted)  | N         | Abstract     | Y           | N                 |

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| 21014 | Col Weitzel, Erik K | Optimizing Surgical Technique: Ergonomics and the OR                           | McMaster's University, Toronto, CA on 4 Nov. 2020   | AD1116321 | presentation | N | N     |
| 21015 | Col Weitzel, Erik K | Broadening ENT Research Relevance: RESTOR Biomedical Engineering and Science   | McMaster's University, Toronto, CA on 4 Nov. 2020   | AD1116323 | presentation | N | N     |
| 21016 | McGinnis, Lance J   | COVID-19 Behavioral-Focused Front-line Healthcare Workers Self-Care Initiative | Advertisement/poster - 59MDW Family Emergency Center (FEC) staff to invite participation in this evidence-based practice initiative                         |           | poster       | N | N     |
| 21017 | McGinnis, Lance J   | How's your stress/anxiety/sleep during the pandemic?                           | General Distribution: Informational Brochure - 59MDW Family Emergency Center (FEC) staff to invite participants for this evidence-based practice initiative | N         | Other        | N | TNSRP |
| 21018 | Klingman, David E   | Skin Pathology 1: Follicular and Sebaceous                                     | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21019 | Klingman, David E   | Skin Pathology 2: Eccrine  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21020 | Klingman, David E   | Skin Pathology 3: Apocrine and Mixed   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21021 | Klingman, David E   | Skin Pathology 4: Moles and Nodules  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21022 | Klingman, David E   | Skin Pathology 5: Cancers  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21023 | Klingman, David E   | Bone Pathology 1   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21024 | Klingman, David E   | Bone Pathology 2   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21025 | Klingman, David E   | Bone Pathology   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |
| 21026 | Klingman, David E   | Fibro-Osseous Lesions  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)  | N         | presentation | N | N     |

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| 21027 | Klingman, David E | Mucocele and Salivary Pathology    | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21028 | Klingman, David E | Mucosal Disease                    | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21029 | Klingman, David E | Non-Odontogenic Cysts              | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21030 | Klingman, David E | Non-Odontogenic Tumors             | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21031 | Klingman, David E | Odontogenic Cysts                  | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21032 | Klingman, David E | Odontogenic Tumors 1               | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21033 | Klingman, David E | Odontogenic Tumors 2               | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21034 | Klingman, David E | Oral Medicine                      | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21035 | Klingman, David E | Oral Oncology                      | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21036 | Klingman, David E | Oral Pathology: Practice and Scope | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21037 | Klingman, David E | Oral Pigment                       | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |
| 21038 | Klingman, David E | Oral Radiology                     | Virtual Teaching Modules/Resource<br>(SAMMC, SAUSHEC, TAMU, UT Dallas,<br>WVU, U Buffalo, Columbia, LIJMC<br>Collaborative) | N | presentation | N | N |

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| 21039 | Klingman, David E       | Soft Tissue Pathology   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21040 | Klingman, David E       | Surgical Pathology: Clinical and Soft Tissue Pathology  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21041 | Klingman, David E       | Surgical Pathology: Oncology 1  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21042 | Klingman, David E       | Surgical Pathology: Oncology 2  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21043 | Klingman, David E       | Surgical Pathology: Syndromes and Systemic Disorders  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21044 | Klingman, David E       | Syndromes and Systemic Disorders  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)             | N         | presentation | N | N                                |
| 21045 | Capt Dawood, Tafti A    | American Journal of Case Reports  | Nerve Sheath Myxoma in the Lower Extremity: A Rare Case with Description of Magnetic Resonance Imaging and Sonographic Finding | N         | Journal      | Y | Y                                |
| 21046 | Capt Marcus, Joseph     | Observational Study of Patients Receiving ECLS (ECMO) at SAMMC  | Elevated nosocomial infection rates in patients with COVID-19 requiring extracorporeal membrane oxygenation                    | AD1116335 | Journal      | Y | Y                                |
| 21047 | Talcott, Gerald W       | Gender & Racial/Ethnic Differences in Exposure to Pro-Tobacco Content Among Young Adults Presenting for U.S. Military Service | Drug and Alcohol Dependence  | N         | Journal      | N | National Institute of Drug Abuse |
| 21048 | Wolf, George E          | Acquired Brain Injury   | merican College of Hyperbaric Medicine; Grant Rounds Webinar; 19 Nov 20  | N         | Other        | N | N                                |
| 21049 | Lt Col Maddry, Joseph K | The Application of Strategic Leadership to the COVID-19 Pandemic and its Impact on US Military Operations                     | Military Medicine  | AD1119255 | Journal      | N | N                                |
| 21050 | Capt Marcus, Joseph     | Elevated nosocomial infection rates in patients with COVID-19 requiring extracorporeal membrane oxygenation                   | Infection Control and Hospital Epidemiology  | N         | Journal      | Y | 59th MDW/ST                      |
| 21051 | Walter, Scott F         | Briefing to San Antonio Military Medical Innovation (SAMMI) Director meeting on 19 Nov 2020 "AFMS (59 MDW) Needs & Patents"   | San Antonio Military Medical Innovation (SAMMI) Director meeting, San Antonio, Texas, on 19 Nov 2020                           | N         | other        | N | N                                |

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| 21052 | Talcott, Gerald W          | Using the Socio-Ecological Model to Explore Facilitators and Deterrents to Tobacco Use among Airmen in Technical Training  | Tobacco Control  | AD1119258 | Journal      | N | NIH             |
| 21053 | Talcott, Gerald W          | The Feasibility of Using Self-Generated Identification Codes in Longitudinal Research with Military Personnel  | Evaluation and the Health Professions  | AD1119262 | Journal      | N | CDMRP           |
| 21054 | Munisteri, Meghan          | Murine Typhus in Pregnancy: Case Report and Review of Approach to Fever of Unknown Origin in Pregnancy   | Hindawi Case Reports in Infectious Disease   | N         | Abstract     | Y | N               |
| 21055 | Maj Mendoza, Jun           | Blaptica dubia IgE Mediated Hypersensitivity in an Adult Dubia Roach Breeder   | to be published in Military Medicine   | N         | Abstract     | Y | N               |
| 21056 | Capt Laverty, Robert       | Outcomes of Arterial Grafts For the Reconstruction of Military Lower Extremity Arterial Injuries   | Vascular and Endovascular Surgery Society Winter Meeting; Idaho; 21-24JAN2021                          | AD1119264 | presentation | Y | N               |
| 21057 | Capt Davis, William T      | Derivation and sensitivity validation of a clinical decision tool to predict the need for spinal MRI in non-low risk patients suspected of pyogenic spinal infection | Western Journal of Emergency Medicine  | AD1119266 | Journal      | N | N               |
| 21058 | Maj Lovell, John           | Accuracy of 3-Dimensional Printed Surgical Guides with Varying Trephine Port Lengths in Simulated Endodontic Microsurgery  | Journal of Endodontics   | N         | Abstract     | Y | 59 MDW CRD GHSE |
| 21059 | Maj Sheppard, Lucas        | Stereomicroscope Analysis of Lindemann Versus Zekrya Carbide Bur Root-end Resections in Fresh Ex-vivo Porcine Mandibles  | Journal of Endodontics   | N         | Abstract     | Y | 59 MDW CRD GHSE |
| 21060 | Lt Col Sams, Valerie       | Killing it: Can a Biofilm-Disrupting, Antimicrobial Wound Cleanser Improve Wound Healing?  | SAGES Military Surgical Symposium, Nevada June 2021/ Boswick Symposium Hawaii March 2021               | N         | Abstract     | N | N               |
| 21061 | Niemeyer, Debra M          | Research Overview  | University of Indiana faculty presentation; - Invited speaker updated version of Jul 2010 presentation | N         | other        | N | N               |
| 21062 | Capt Rickards, Cory D      | Running and Injury Prevention  | Grand Rounds via DCS; WHASC, BAMC, AETC MAJCOM, San Antonio, TX; 02DEC2020                             | N         | other        | N | N               |
| 21063 | Lt Col Smalley, Joshua     | QI study   | Transgender Health   | N         | Journal      | N | N               |
| 21064 | Capt Bailey, Christopher T | Acro-osteolysis Review: The Tip of the Iceberg   | American Roentgen Ray Society, Virtual, April 18-22 2021   | AD1121245 | presentation | Y | N               |
| 21065 | Capt Thompson, Shannon     | Bougie through i-gel technique for endotracheal intubation   | NAEMSP Annual Meeting, 14 Jan 2021   | AD1121247 | presentation | Y | N               |
| 21066 | Lt Col Penney, Scott W     | A Quality Improvement Initiative to Reduce Unnecessary Rapid Responses Using Early Warning Scores  | Pediatrics   | N         | Journal      | Y | N               |
| 21067 | Capt Bates, Taylor         | Osteophyte-sparing Treatment of Mucous Cysts: Surgical Technique   | Clinical Orthopaedics and Related Research (CORR)  | AD1121248 | Journal      | Y | N               |
| 21068 | Escobar, Eloisa            | 59 MDW/ST Newsletter for Jan 2021  | 59 MDW/ ST for public distribution (external agencies, hospitals and universities)                     | N         | other        | N | N               |

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| 21069 | Ricakrds, Cory         | Embedded Physical Therapist in an Ambulatory Surgical Center Emergency Department   | Embedded Physical Therapist in an Ambulatory Surgical Center Emergency Department   | AD1121249 | Poster       | N | N    |
| 21070 | Voigt, Rachael         | Surgical and Radiographic Parameters to Guide Early Implant Loading in the Posterior Mandible   | Southwest Society of Periodontists, Dallas, Texas, 22 January 2021  | AD1121251 | presentation | Y | Y    |
| 21071 | Zhang, Wenshang        | Local Delivery of Adipose Stem Cell Promotes Allograft Survival in Vascularized Composite Allotransplantation   | Stem Cell and Translational Investigation Journal   | N         | Journal      | N | N    |
| 21072 | Niemeyer, Debra M      | San Antonio Military Medical Research Consortium: Local Collaboration - Global Impact   | Indo-Pacific Research Alliance for Military Medicine (IPRAMM), 19 January 2021 meeting  | AD1125105 | presentation | N | N    |
| 21073 | Capt Day, Magin        | Maternity Experience of Active Duty Service Members   | For dissemination to active duty participants of this study, the Air Force Women's Initiative Team, and the Air Force Women's Officer Forum | N         | Other        | Y | N    |
| 21074 | Col Klingman, David E  | Syndromes and Systemic Implications   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)                          | N         | presentation | N | N    |
| 21075 | Col Klingman, David E  | Surgical Pathology. Bone Pathology 2  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)                          | N         | presentation | N | N    |
| 21076 | Col Klingman, David E  | Surgical Pathology. Bone Pathology 1  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)                          | N         | presentation | N | N    |
| 21077 | Col Klingman, David E  | Surgical Pathology Salivary Pathology Part 1  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)                          | N         | presentation | N | N    |
| 21078 | Col Klingman, David E  | Surgical Pathology Salivary Pathology Part 2  | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)                          | N         | presentation | N | N    |
| 21079 | LtCol Maddry, Joseph K | Patients with Traumatic Brain Injury Transported by Critical Care Air Transport Teams: The Influence of Altitude and Oxygenation during Transport                           | USAF Evidence to Guide Practice Report  | N         | Abstract     | N | AFMS |
| 21080 | LtCol Maddry, Joseph K | Advancing prehospital combat casualty evacuation: patients amenable to aeromedical evacuation via unmanned aerial vehicles  | USAF Evidence to Guide Practice Report  | N         | Abstract     | N | AFMS |
| 21081 | LtCol Maddry, Joseph K | Characterization of long-range aeromedical transport and its relationship to the development of traumatic extremity compartment syndrome: A seven-year, retrospective study | USAF Evidence to Guide Practice Report  | N         | Abstract     | N | AFMS |

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| 21082 | Col Klingman, David E    | Surgical Pathology: Odontogenic Pathology 1   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)          | N         | presentation | N | N                                |
| 21083 | Col Klingman, David E    | Surgical Pathology Odontogenic Pathology Part 2   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)          | N         | presentation | N | N                                |
| 21084 | Col Klingman, David E    | Surgical Pathology Non-Odontogenic Pathology Part 1   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)          | N         | presentation | N | N                                |
| 21085 | Col Klingman, David E    | Surgical Pathology Non-Odontogenic Pathology Part 2   | Virtual Teaching Modules/Resource (SAMMC, SAUSHEC, TAMU, UT Dallas, WVU, U Buffalo, Columbia, LIJMC Collaborative)          | N         | presentation | N | N                                |
| 21086 | Capt Walters, Benjamin K | Diagnostic Lobectomy for Bethesda III Thyroid Nodules: Pathological Outcomes and Risk Factors for Malignancy  | Annals of Otolaryngology & Rhinology  | N         | Journal      | N | N                                |
| 21087 | Maj Mendoza, Jun C       | Blaptica dubia IgE Mediated Hypersensitivity in an Adult Dubia Roach Breeder  | Military Allergy & Immunology Symposium, Virtual meeting, 24-25 Mar 2020  | AD1125108 | presentation | Y | N                                |
| 21088 | Capt Runge, Elliot J     | Lenalidomide Associated Hemophagocytic Lymphohistiocytosis with Plasma Cell Phagocytosis  | Journal of Clinical Oncology  | N         | Journal      | Y | N                                |
| 21089 | Capt Marcus, Joseph E    | Effect of Transfer on Nosocomial Infection Rates in Patients Receiving Extracorporeal Membrane Oxygenation  | Critical Care Medicine  | N         | Journal      | Y | 59th MDW/ST                      |
| 21090 | Maj Nelson, Alexis E     | Common Anomalous Innervations of the Extremities as part of the Basic NCS: Axonal, Demyelinating, or Anomaly session  | American Association of Neuromuscular & Electrodiagnostic Medicine Spring Meeting (Virtual), 2-5 March 2021                 | N         | other        | N | N                                |
| 21091 | Maj Lindholm, David E    | COVID-19 VOLUNTEER RESEARCH STUDY EPICC   | Flyer for Online distribution for this protocol that is approved at BAMC (protocol not being implemented at WHASC/Lackland) | N         | Other        | N | N                                |
| 21092 | Talcott, Gerald W        | Evolution From Joe Camel: Impact of Tobacco Messaging and Communication on Tobacco Use Across Race, Ethnicity, and Gender Over Time   | Society for Research on Nicotine and Tobacco Research, Virtual, February 24-27, 2021  | N         | poster       | N | National Institute of Drug Abuse |
| 21093 | Casleton, Brian G        | Comparison of manual titrations to automated microplate and gel titration assays used in the screening of blood products as Low Titer group O Whole Blood for trauma resuscitation. | Release of manuscript data to Immucor and Ortho Diagnostics   | N         | other        | N | N                                |
| 21094 | Katil, Wijdenes L        | Predicting Marital Health from Adverse Childhood Experiences Among United States Air Force Active Duty Personnel  | Couple and Family Psychology: Research and Practice   | AD1125110 | journal      | N | AFRL                             |
| 21095 | Mallory, Amber           | Press release   | Press release for Texas Biomedical research Institute   | N         | Other        | N | CARES Act COVID                  |

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| 21096 | Capt Lowe, Joshua     | Encouraged to fail: A novel approach to building a culture of learning and accountability  | Government Services American College of Emergency Physicians (GSACEP) Annual Meeting, Virtual, 9-11 April 2021   | N         | presentation | Y | N  |
| 21097 | Maj Willis, Adam M    | Large Cross- Section Blast Chamber: Design and Experimental Characterization   | Measurement Science and Technology   |           | journal      | N | Award No. FA8650-18-2-6880                       |
| 21098 | Walker, Katherine     | Associations of Physiological Biomarkers To Psychosocial Measures of Pregnancy-Specific Anxiety and Depression with the M-O-M-S Intervention | 7th Annual SAMHA and Universities Research Forum (SURF), San Antonio, TX 10 June 2021  | N         | Abstract     | N | Joint Program Committee - 5 (JPC-5)              |
| 21099 | Maj Deveau, Sarah E   | Effect of in vitro Aging of Resin Microinfiltrant Restoration on Shear Bond Strength of Orthodontic Bracket Adhesive.                        | American Journal of Orthodontics and Dentofacial Orthopedics   | AD1125111 | journal      | Y | 59 MDW CRD Graduate Health Sciences Ed (SG5 O&M) |
| 21100 | Ko, Jun-Kyung         | Oral Metabolic Biomarker Analysis for Improved Dental Caries Risk Assessment   | International Association of Dental Research Abstracts (IADR) & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS) | N         | Abstract     | Y | 59th MDW/CIRS                                    |
| 21101 | Aradine, Sharon L     | Prevention Strategies for Dental Caries using Phage Therapy  | International Association of Dental Research Abstracts & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS)        | N         | Abstract     | Y | 59th MDW/CIRS                                    |
| 21102 | Catarino, Nicole M    | Fatigue of Dental highspeed, Air-driven Handpiece by Steam Sterilization   | International Association of Dental Research Abstracts & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS)        | N         | Abstract     | Y | 59th MDW/CIRS                                    |
| 21103 | Kim, Woosol           | Effect of Various Surface Treatments on Ti-Base Coping Retention   | International Association of Dental Research Abstracts & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS)        | N         | Abstract     | Y | 59th MDW/CIRS                                    |
| 21104 | Jenista, John S       | Fracture Load of Zirconia Crowns Based on Preparation and Cement   | International Association of Dental Research Abstracts & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS)        | N         | Abstract     | Y | 59th MDW/CIRS                                    |
| 21105 | MacGreagor, Robert BA | Thumb MRI: More to see than just the Ulnar Collateral Ligament   | American Roentgen Ray Society, Virtual Meeting 18-22 April 2021  | AD1125115 | presentation | Y | N  |
| 21106 | Capt Rendo, Matthew   | Autologous Stem Cell Transplant in the Treatment of Pulmonary Light Chain Deposition Disease   | CHEST  | AD1125116 | journal      | Y | N  |



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| 21107 | Baluyot, Rondre F.      | Assessing the Use of Radiographs Alone to Determine Readiness Classification   | International Association of Dental Research Abstracts & SAMHS and Universities Research Forum (SURF) & Military Health System Research Symposium (MHSRS) | N         | Abstract     | Y | N                                |
| 21108 | Capt Davis, William T   | Descriptive analysis of hypocalcemia among combat casualties with traumatic brain injury transported by Critical Care Air Transport Teams    | Government Services American College of Emergency Physicians - Virtual Conference - 9 April 21  | 4/9/2021  | presentation | N | AFMS                             |
| 21109 | Niemeyer, Debra M       | 59 MDW Chief Scientist Integrated Pamphlet   | To be provided to guests, visitors, and potential collaborators of the 59 MDW/ST  | N         | other        | N | N                                |
| 21110 | Talcott, Gerald W       | Sexy, Trashy, Cool: Perceptions of Cigarette and E-Cigarette Across Demographic Groups   | Society for Research on Nicotine and Tobacco Research, Virtual, February 24-27, 2021  | AD1125119 | Poster       | N | NIH                              |
| 21111 | Talcott, Gerald W       | Where, When, and How Alcohol Use Occurs During Air Force Technical Training  | Military Medicine   | AD1125122 | journal      | N | CDMRP                            |
| 21112 | Talcott, Gerald W       | Prevention of Alcohol Related Incidents in the US Air Force: Results from a Cluster Randomized Trial   | Translational Behavioral Medicine   | AD1125124 | journal      | N | CDMRP                            |
| 21113 | Talcott, Gerald W       | Racial and Ethnic Tobacco Disparities in the U.S. Military   | Society for Research on Nicotine and Tobacco Research, Virtual, February 24-27, 2021  | AD1125126 | poster       | N | National Institute of Drug Abuse |
| 21114 | Talcott, Gerald W       | Predictors of Cessation Outcomes Among Older Adult Smokers Enrolled in a Tobacco Quitline Intervention                                       | SMB Conference April 12-16, 2021  | AD1125127 | poster       | N | National Institute of Drug Abuse |
| 21115 | Col Lien, Wen           | Evaluation of a novel shape memory polymer scaffold with bone marrow mesenchymal stromal cells for healing large bone defects in a rat model | SURF 2021   | N         | Abstract     | N | 59th MDW/ST                      |
| 21116 | Nazario-Toole, Ashley E | Whole-genome Sequencing of SARS-CoV-2 Identifies Mutations of Interest at JBSA/Lackland  | SURF 2021; San Antonio, TX; 10 June 2021  | N         | Abstract     | N | 59MDW CIP                        |
| 21117 | Maj Lee, Michelle N     | A Grave Turn on Hashimoto's Thyroiditis - A Case Series on Four Patients with Autoimmune Hypothyroidism that Converted to Grave's Disease    | Endocrine Society, virtual 20Mar2021 to 23Mar2021   | 3/23/2021 | poster       | Y | N                                |
| 21118 | Maj Willis, Adam M      | Table-top "blast" exposure on cerebral organoids   | San Antonio Brain Injury Think Tank, San Antonio, Texas, March 05, 2021   | N         | Other        | N | N                                |
| 21119 | Capt Jacobson, Jessie   | A Rare Etiology for Stroke-Like Symptoms: SMART Syndrome with Uncommon Imaging Findings  | American Academy of Neurology virtual meeting, San Antonio TX, 17-22 April 2021   | N         | abstract     | Y | N                                |
| 21120 | Capt Jacobson, Jessie   | Severe Murine Typhus Presenting with Thunderclap Headache  | American Academy of Neurology virtual meeting, San Antonio TX, 17-22 April 2021   | N         | abstract     | Y | N                                |
| 21121 | Capt Luster, joshua     | Anterior Spinal Infarction Following Spontaneous Vertebral Artery Dissection   | American Academy of Neurology virtual meeting, San Antonio TX, 17-22 April 2021   | N         | abstract     | Y | N                                |

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|-------|--------------------------|---|---|---|----------|---|-------------|
| 21122 | Capt Hoffman, William    | Sudden Vision Loss and Weakness in Multiple Myeloma Carcinomatosis  | American Academy of Neurology virtual meeting, San Antonio TX, 17-22 April 2021         | N | abstract | Y | N           |
| 21123 | Capt Clutter, Courtney A | A Grave Initial Presentation of Graves' Disease in a Patient With Moyamoya  | Endocrine Society, Virtual Meeting, 20Mar2021   |   | poster   | Y | N           |
| 21124 | Rall, Jason              | Performance of a Novel Temporary Arterial Shunt in a Military-Relevant Controlled Hemorrhage Swine Model  | Journal of the American College of Surgeons   |   | journal  | Y | CIRS GHS-Ed |
| 21125 | Capt Davis, William T    | Association of hypocalcemia with clinical outcomes of combat casualties with TBI transported by Critical Care Air Transport Teams                                     | Military Health Services Research Symposium- meeting details pending                    | N | abstract | N | AFMS        |
| 21126 | Capt Davis, William T    | Descriptive analysis of COVID-19 aeromedical evacuations by Critical Care Air Transport Teams   | Military Health Services Research Symposium- meeting details pending                    | N | abstract | N | AFMS        |
| 21127 | Lt Col Maddry, Joseph K  | Patients with Traumatic Brain Injury Transported by Critical Care Air Transport Teams: The Influence of Altitude and Oxygenation During Transport                     | DTIC  |   | abstract | N | AFMS        |
| 21128 | Lt Col Maddry, Joseph K  | Influence of time to transport on clinical outcomes following evacuation from theater (LRMC/CONUS)  | DTIC  |   | abstract | N | JPC-6       |
| 21129 | Lt Col Maddry, Joseph K  | Analysis of Whole Blood Infusion During Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in a Swine Model of Hemorrhagic Shock                       | Military Health System Research Symposium (MHSRS), Date and Location TBD                |   | abstract | N | AFMSA       |
| 21130 | Capt Marcus, Joseph      | The Effect of Arrival Quarantine on Subsequent COVID-19 Testing in a Cohort of Military Basic Trainees  | Military Medicine   |   | journal  | Y | N           |
| 21131 | Xia, Quingqing           | Analysis of 27 SNPs in a military community cohort of type 2 diabetes mellitus  | SAMHS and Universities Research Forum (SURF) 2021, San Antonio, TX, June 10th 2021      |   | abstract | N | AFMSA       |
| 21132 | Lt Col Maddry, Joseph K  | Hydroxocobalamin as a Resuscitation Fluid in Volume-Controlled and Uncontrolled Hemorrhage Models in Swine (Sus scrofa)   | Military Health System Research Symposium (MHSRS), Date & Location TBD                  |   | abstract | N | AFMSA       |
| 21133 | Lt Col Maddry, Joseph K  | Comparison of Cold-Stored vs. Room-Temperature Platelets Combined with Packed Red Blood Cells, in Two Swine Models of Hemorrhage (Volume-Controlled and Uncontrolled) | Military Health System Research Symposium (MHSRS), Date & Location TBD                  |   | abstract | N | AFMSA       |
| 21134 | Lt Col Maddry, Joseph K  | Inter-facility aeromedical transports compared to pre-hospital transports   | Military Health Systems Research Symposium, Date and Location TBD                       |   | abstract | N | J9          |
| 21135 | Lt Col Maddry, Joseph K  | Management of combat casualties during aeromedical evacuation from a role 2 to a role 3 medical facility  | Military Health Systems Research Symposium, Date and Location TBD                       |   | abstract | N | J9          |
| 21136 | Capt Zahari, Tchopev     | Leadership Development Innovation in a Military Graduate Medical Education Program to Enhance Medical Readiness   | 2021 Military Health System Research Symposium, dates and location unknown at this time |   | abstract | Y | N           |

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|-------|--------------------------|--|--|---|--------------|---|-----------------------------|
| 21137 | Capt Oviatt, Alyssajoy T | Three-Dimensional accuracy of implant placement related to the use of dynamic navigation compared to fully guided and conventional implant placement using an out-of-bounds guide. | Military Health System Research Symposium 2021   |   | abstract     | Y | 59 MDW CRD GHSE             |
| 21138 | Maj Lee, Paul T          | Technique to Fabricate Custom Nasal Pillows and Monoblock Mandibular Advancement Device Using Digital Workflow for Combination Therapy of Obstructive Sleep Apnea                  | Military Health System Research Symposium  |   | abstract     | N | N                           |
| 21139 | Maj Crowell, Katrina     | Increasing Breast Cancer Screening in the Family Health Clinic at Joint Base San Antonio   | USUHS Archive  | N | other        | Y | N                           |
| 21140 | Maj Crowell, Katrina     | Increasing Breast Cancer Screening in the Family Health Clinic at Joint Base San Antonio   | USUHS Graduate School of Nursing DNP Project Presentation NSA Bethesda. MD. 13 May 2121                    |   | presentation | Y | N                           |
| 21141 | Maj Crowell, Katrina     | Increasing Breast Cancer Screening in the Family Health Clinic at Joint Base San Antonio   | USUHS Research Week Presentation. NSA Bethesda. MD. 4 May 21   |   | poster       | Y | N                           |
| 21142 | Maj Crowell, Katrina     | Increasing Breast Cancer Screening in the Family Health Clinic at Joint Base San Antonio   | USUHS Research Week Presentation. NSA Bethesda. MD. 13 May 21  | N | abstract     | Y | N                           |
| 21143 | Deinnocentiis, Vincent   | 59 MDW Chief Scientist Collaboration and Capabilities Guide  | o be provided to guests, visitors, partners, sister services, and potential collaborators of the 59 MDW/ST | N | other        | N | N                           |
| 21144 | Blackburn, August N      | Precision Medicine Research: Aligning with requirements and avoiding potential pitfalls  | Military Health System Research Symposium, location and date of meeting to be determined                   | N | abstract     | N | N                           |
| 21145 | Lt Col Adams, Karla      | COVID-19 Vaccine Distribution: Bolstering the Air Force Immunizations Model  | Military Medicine  | N | journal      | N | N                           |
| 21146 | Lt Col Lee, Paul T       | Technique to Fabricate Custom Nasal Pillows and Monoblock Mandibular Advancement Device Using Digital Workflow for Combination Therapy of Obstructive Sleep Apnea                  | Military Health System Research Symposium  | N | abstract     | N | N                           |
| 21147 | Burdette, Alexander      | Diagnostics & Therapeutics Research Tri-Fold   | Tri-fold brochure for public outreach purposes for the 59th MDW Office of Science & Technology             |   | other        | N | N                           |
| 21148 | Maj Deveaux, Sarah E     | Effect of in vitro Aging of Resin Microinfiltrant Restoration Effect on Shear Bond Strength of Orthodontic Bracket Adhesive  | American Association of Orthodontics Conference. Boston, MA, 25 June 2021 (SUBMITTED by 1 APR21)           |   | poster       | Y | 59 MDW CRD GHS-Ed (SG5 O&M) |
| 21149 | Rall, Jason              | Effectiveness of FDA-Cleared Wound Disinfectants for Sanitizing Reusable Surgical Instruments Used By Ground Surgical Teams  | MHSRS 2021 Meeting Guide   |   | abstract     | N | AFMSA/SG5M                  |
| 21150 | Kaemmer, Ian J           | RESIDUAL pumice: assessing a potential contaminant in orthodontic bonding. (.pdf E-poster)   | American Association of Orthodontics Virtual Meeting, 25-27 JUN 2021                                       |   | poster       | N | CRD GHSE                    |
| 21151 | Yuan, Tony               | Cerebral Cortex Organoids for Standardized Brain Trauma research: High Frequency Pressure Frequency Dependent Biological Response  | Military Health System Research Symposium  |   | abstract     | N | N                           |

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|-------|-------------------------------|---|---|--|--------------|---|-------------------------|
| 21152 | Mohr, Mary Catherine          | Modification of Curing Light Duration through Indirect Bonding Transfer Trays   | American Association of Orthodontics Annual Meeting - Virtual - Jun 25-27, 2021 |  | poster       | Y | N                       |
| 21153 | CPT Chiaccarelli, Elvira N    | Reconstruction of a Large Nerve Gap Using A Continuous Distraction Neurogenesis Device In Porcine Peripheral Nerve Injury                                       | MHSRS 2021 (location TBA)   |  | abstract     | Y | CIRS Intramural Funding |
| 21154 | Wensheng, Zhang               | The Association Between Radiofrequency Radiation Exposure and Audiovestibular Dysfunction: A Systematic Review  | MHSRS 2021 Kissimmee, Florida   |  | abstract     | N | N                       |
| 21155 | Capt Estevez Alcala, Rosemary | Optimizing Delivery of Cognitive Behavioral Therapy for Insomnia via Telehealth: Special Considerations During COVID-19   | Society of Behavioral Medicine, Virtual Platform, 12-16 April 2021              |  | other        | Y | N                       |
| 21156 | Wensheng, Zhang               | Local Mesenchymal Stem Cell Therapy for the Ex Vivo Preservation of a Porcine Vascularized Composite Allotransplant with 24-Hour Normothermic Machine Perfusion | MHSRS 2021, Kissimmee, Florida  |  | abstract     | N | DOD                     |
| 21157 | Lt Col Maddry, Joseph K       | Advancing prehospital combat casualty evacuation: patients amenable to aeromedical evacuation via unmanned aerial vehicles                                      | DTIC  |  | abstract     | N | JPC                     |
| 21158 | Sanchez, Antonio O            | Comparison of Next Generation Diagnostic Systems for the Detection of SARS-CoV-2  | 2021 MHSRS  |  | abstract     | N | N                       |
| 21159 | Caballero, Manuel Y           | Comparison of Biomeme Go-Strips on Franklin three9 versus the Biomeme Go-Plate on the QuantStudio 7 for SARS-CoV-2 detection                                    | 2021 MHSRS  |  | abstract     | N | N                       |
| 21160 | Chaudry, Jilian G             | Large-scale screening of human B-lymphoblastoid cell lines reveals super sensitive and completely resistant lines to E. coli Shiga toxin 2                      | 2021 MHSRS  |  | abstract     | N | RDT&E (SG5)             |
| 21161 | Weitzel, Erik K               | Defense Readiness Education and Materiel Laboratory for Austere-Care Nascent Delivery DREAMLAND   | MEFPAK IMMERSION BRIEFING, Virtual, 30 March 2021                               |  | presentation | N | N                       |
| 21162 | Walker, Katherine             | Improved Maternal Well-Being and Outcomes at Three Major Military Installations through a Prenatal Mentoring Intervention                                       | Military Health System Research Symposium (MHSRS), (Date/Location - Pending)    |  | abstract     | N | JPC-5                   |